

EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE

Chapter : Statistics

Name : Constructing Frequency Distribution Tables

Identify the frequency distribution table for the given heights of 10 students in cm

1. 156 , 170 , 162 , 157 , 176 , 176 , 150 , 157 , 171 , 155

(i)

Height (in cm)	150	155	157	162	170	171	176
No. of Students	1	1	2	1	1	1	3

(ii)

Height (in cm)	150	155	156	157	162	171	176
No. of Students	1	1	1	2	2	1	2

(iii)

Height (in cm)	150	155	156	157	162	170	171	176
No. of Students	1	1	1	2	1	1	1	2

(iv)

Height (in cm)	152	156	165	166	167	169	171	177
No. of Students	1	1	1	1	1	1	2	2

(v)

Height (in cm)	153	154	160	161	165	168	169	176	179
No. of Students	1	1	1	1	1	1	1	1	2

Identify the frequency distribution table for the given ages of 12 students in years

2. 25 , 16 , 16 , 15 , 22 , 20 , 19 , 20 , 12 , 25 , 19 , 12

(i)

Age (in years)	12	15	16	19	20	22	25
No. of Students	3	1	2	1	2	1	2

(ii)

Age (in years)	12	13	15	16	17	18	22	24	25
No. of Students	1	1	2	1	2	1	2	1	1

(iii)

Age (in years)	12	15	16	19	20	25
No. of Students	3	1	2	2	2	2

(iv)

Age (in years)	10	13	14	18	19	21	23	24
No. of Students	1	2	1	2	1	2	1	2

(v)

Age (in years)	12	15	16	19	20	22	25
No. of Students	2	1	2	2	2	1	2

The number of children in 21 families are given below.

Identify the frequency distribution table for the given data.

3. 1 , 5 , 1 , 3 , 2 , 2 , 0 , 1 , 4 , 4 , 3 , 4 , 1 , 5 , 4
0 , 4 , 3 , 4 , 2 , 2

(i)

No. of children	0	1	2	3	4	5
No. of families	2	3	3	5	3	5

(ii)

No. of children	0	1	2	3	4	5
No. of families	1	4	4	4	6	2

(iii)

No. of children	0	1	2	3	4	5
No. of families	2	5	4	2	6	2

(iv)

No. of children	0	1	2	3	4	5
No. of families	3	4	2	5	3	4

(v)

No. of children	0	1	2	3	4	5
No. of families	2	4	4	3	6	2

The following outcomes were noted when a dice was thrown 19 times.

Identify the frequency distribution table for the given data.

4. 1, 5, 5, 2, 4, 6, 5, 5, 5, 1, 2, 1, 6, 4, 5
4, 6, 2, 3

(i)

Outcome	1	2	3	4	5	6
No. of outcomes	1	3	4	4	5	2

(ii)

Outcome	1	2	3	4	5	6
No. of outcomes	3	3	1	3	6	3

(iii)

Outcome	1	2	3	4	5	6
No. of outcomes	3	3	1	4	5	3

(iv)

Outcome	1	2	3	4	5	6
No. of outcomes	3	3	1	4	6	2

(v)

Outcome	1	2	3	4	5	6
No. of outcomes	4	5	3	3	1	3

The sale of shirts of various sizes at a shop on a particular day is given below.

Identify the frequency distribution table for the given data.

5. 20, 25, 25, 31, 39, 38, 26, 22, 21, 23, 25, 35, 35, 25, 23
21, 33, 32, 33

(i)

Size	20	21	22	23	25	26	31	32	33	35	38	39
No. of Shirts	1	1	1	2	5	1	1	1	2	2	1	1

(ii)

Size	23	25	27	28	30	32	33	34	35	36	39
No. of Shirts	3	3	1	2	1	1	1	1	1	1	4

(iii)

Size	22	23	25	26	27	29	30	31	34	35	36	37	38	39
No. of Shirts	1	1	1	3	1	1	3	1	1	1	2	1	1	1

(iv)

Size	20	21	22	23	25	26	31	32	33	35	38	39
No. of Shirts	1	2	1	2	4	1	1	1	2	2	1	1

(v)

Size	20	21	22	23	25	26	31	32	33	35	39
No. of Shirts	1	2	1	2	4	1	1	2	2	2	1

Assignment Key

- 1) (iii)
- 2) (v)
- 3) (v)
- 4) (ii)
- 5) (iv)